

11218 - Photometrics

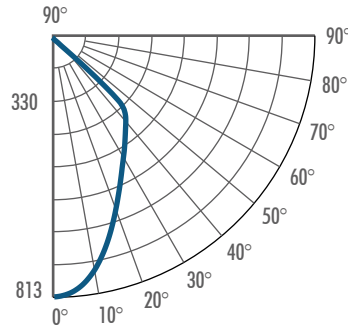
Pavo Architectural LED 6-Inch Cylinder Wall Downlight

LUMEN PACKAGE :	1000lm	1500lm	2200lm	2600lm
SYSTEM POWER :	15W	22W	22W	30W

11218-DIR-L10-B60-UNI-40K-WH

System Power	: 15.0 W	Multipliers	
Test Date	: 9/2016	5000K	: 1.27
Beam Angle 50%	: 70.4°	4000K	: 1.00
Field Angle 10%	: 100.2°	3500K	: 0.89
Color Temperature	: 3930K	3000K	: 0.76
CRI	: 83.8	2700K	: 0.69
R9 Value	: 20.0	1700K	: 0.42
Lumens Delivered	: 1031lm	Lumen Multipliers	
CBCP	: 813cd	2600lm	: 2.43
Power Factor	: 0.99	CRI	
		80CRI (Blank)	: 0.95
		90CRI (-C90)	: 1.07
		97CRI (-C97)	: 1.16

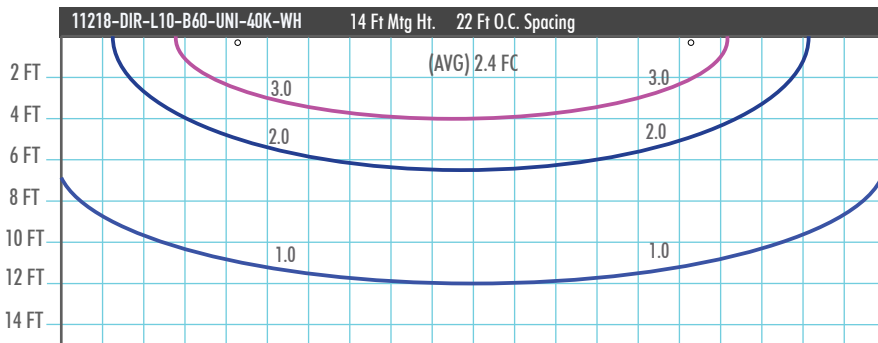
CANDELA TABULATION



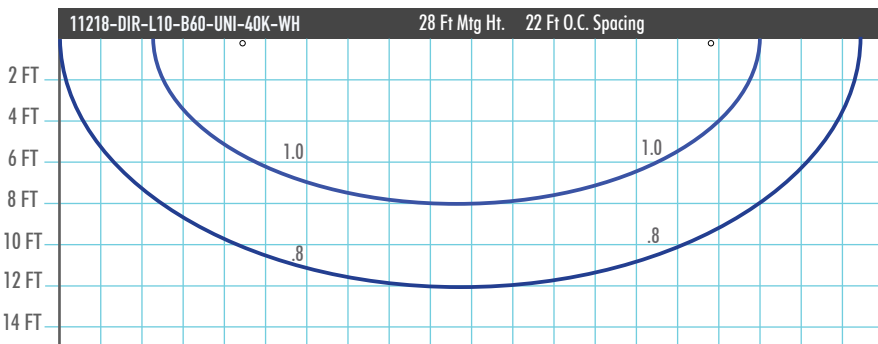
FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
8.0'	11.3'	12.7
12.0'	16.9'	5.6
14.0'	19.8'	4.1
16.0'	22.6'	3.2
18.0'	25.4'	2.5

ISO FOOTCANDLE PLOTS - Two Fixture

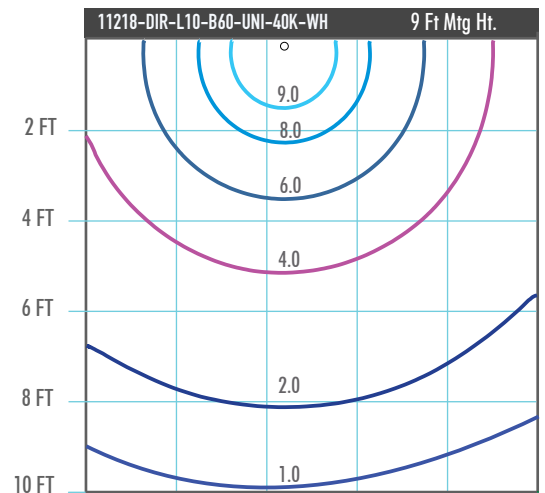


1 Grid = 2 FT
40 FT x 15 FT Surface Area to achieve (Avg) 1.4 FC
49% Reflectance Value on Wall
10% Reflectance Value on Surface



1 Grid = 2 FT
40 FT x 15 FT Surface Area to achieve (Avg) 1 FC
49% Reflectance Value on Wall
10% Reflectance Value on Surface

ISO FOOTCANDLE PLOTS - Single Fixture



1 Grid = 2 FT
10 FT x 10 FT Surface Area to achieve (Avg) 3.8 FC
49% Reflectance Value on Wall
10% Reflectance Value on Surface

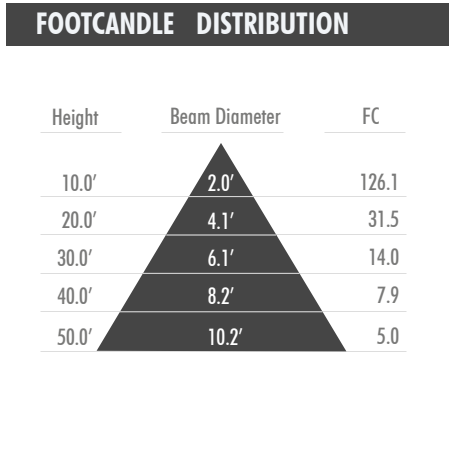
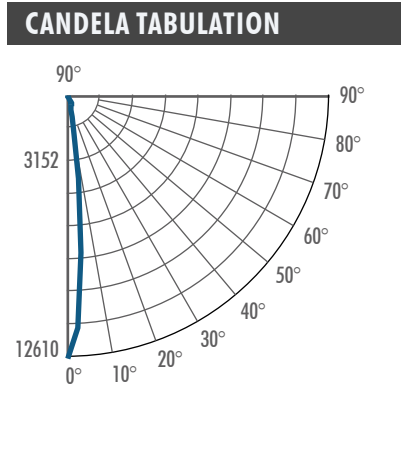
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Pavo Architectural LED 6-Inch Cylinder Wall Downlight

LUMEN PACKAGE :	1000lm	1500lm	2200lm	2600lm
SYSTEM POWER :	15W	22W	22W	30W

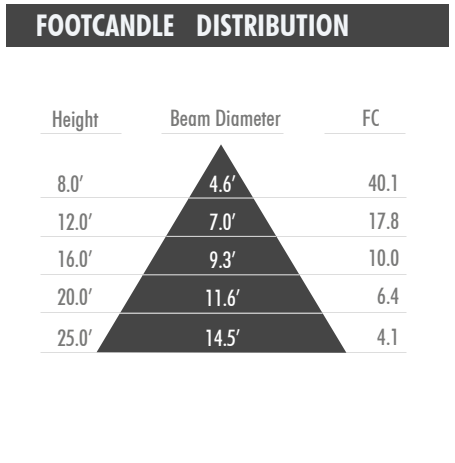
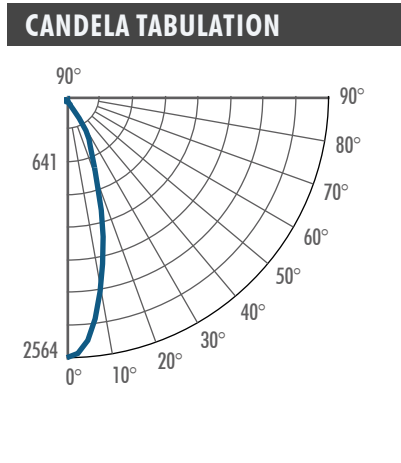
11218-DIR - 1000lm - Narrow Spot - 4000K

System Power	: 14.5W	Multipliers	
Test Date	: 11/2017	5000K	: 1.25
Beam Angle 50%	: 11.7°	4000K	: 1.00
Field Angle 10%	: 23.4°	3500K	: 0.87
Color Temperature	: 4012K	3000K	: 0.75
CRI	: 85.4	2700K	: 0.67
R9 Value	: 28.7	1700K	: 0.42
Lumens Delivered	: 1079lm	Lumen Multipliers	
CBCP	: 12610cd	2600lm	: 2.41
Power Factor	: 0.98	CRI	
		80CRI (Blank)	: 0.94
		90CRI (-C90)	: 1.05
		97CRI (-C97)	: 1.14



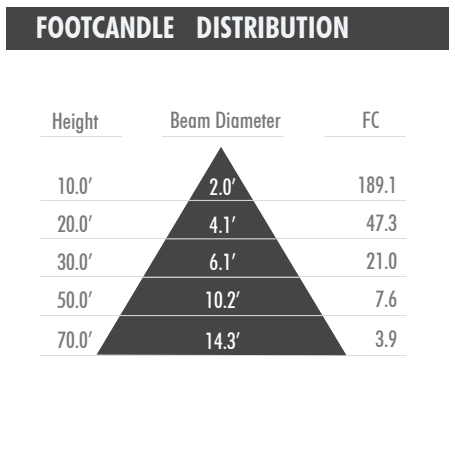
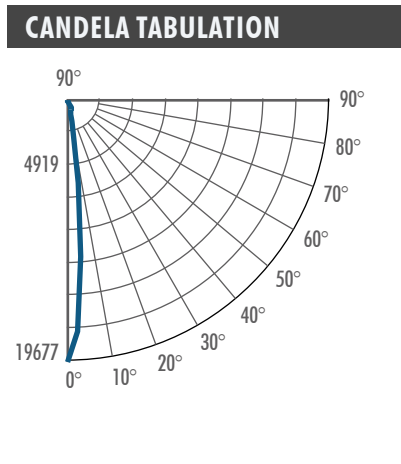
11218-DIR - 1000lm - Flood - 4000K

System Power	: 14.5W	Multipliers	
Test Date	: 11/2017	5000K	: 1.25
Beam Angle 50%	: 32.4°	4000K	: 1.00
Field Angle 10%	: 68.7°	3500K	: 0.87
Color Temperature	: 4016K	3000K	: 0.75
CRI	: 85.4	2700K	: 0.67
R9 Value	: 28.4	1700K	: 0.42
Lumens Delivered	: 1068lm	Lumen Multipliers	
CBCP	: 2564cd	2600lm	: 2.43
Power Factor	: 0.98	CRI	
		80CRI (Blank)	: 0.94
		90CRI (-C90)	: 1.05
		97CRI (-C97)	: 1.14



11218-DIR - 1500lm - Spot - 4000K

System Power	: 22.0W	Multipliers	
Test Date	: 11/2017	5000K	: 1.25
Beam Angle 50%	: 11.7°	4000K	: 1.00
Field Angle 10%	: 23.4°	3500K	: 0.87
Color Temperature	: 4012K	3000K	: 0.75
CRI	: 85.4	2700K	: 0.67
R9 Value	: 28.7	1700K	: 0.42
Lumens Delivered	: 1618lm	Lumen Multipliers	
CBCP	: 18913cd	2600lm	: 1.61
Power Factor	: 0.90	CRI	
		80CRI (Blank)	: 0.94
		90CRI (-C90)	: 1.05
		97CRI (-C97)	: 1.14



11218 - Photometrics

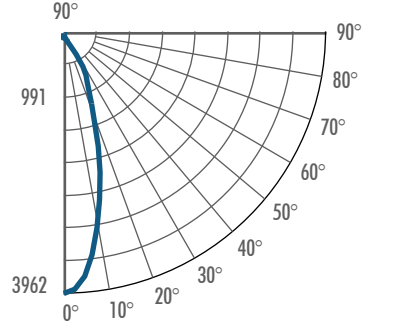
Pavo Architectural LED 6-Inch Cylinder Wall Downlight

LUMEN PACKAGE :	1000lm	1500lm	2200lm	2600lm
SYSTEM POWER :	15W	22W	22W	30W

11218-DIR - 1500lm - Flood - 4000K

System Power	: 22.0W	Multipliers	
Test Date	: 11/2017	5000K	: 1.25
Beam Angle 50%	: 32.4°	4000K	: 1.00
Field Angle 10%	: 68.7°	3500K	: 0.87
Color Temperature	: 4016K	3000K	: 0.75
CRI	: 85.4	2700K	: 0.67
R9 Value	: 28.7	1700K	: 0.42
Lumens Delivered	: 1601lm	Lumen Multipliers	
CBCP	: 3844cd	2600lm	: 1.62
Power Factor	: 0.90	CRI	
		80CRI (Blank)	: 0.94
		90CRI (-C90)	: 1.05
		97CRI (-C97)	: 1.14

CANDELA TABULATION



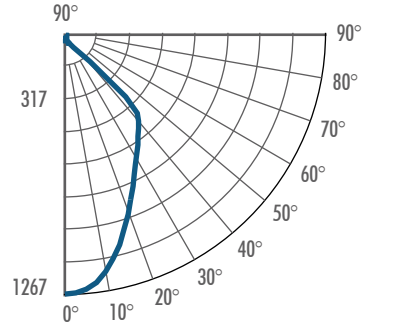
FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
8.0'	4.6'	60.1
15.0'	8.7'	17.1
20.0'	11.6'	9.6
25.0'	14.5'	6.2
30.0'	17.4'	4.3

11218-DIR - 1500lm - Wide Flood - 4000K

System Power	: 22.1W	Multipliers	
Test Date	: 9/2016	5000K	: 1.25
Beam Angle 50%	: 70.4°	4000K	: 1.00
Field Angle 10%	: 101.0°	3500K	: 0.89
Color Temperature	: 3930K	3000K	: 0.76
CRI	: 83.8	2700K	: 0.69
R9 Value	: 20.7	1700K	: 0.43
Lumens Delivered	: 1547lm	Lumen Multipliers	
CBCP	: 1220cd	2600lm	: 1.68
Power Factor	: 0.90	CRI	
		80CRI (Blank)	: 0.95
		90CRI (-C90)	: 1.07
		97CRI (-C97)	: 1.16

CANDELA TABULATION



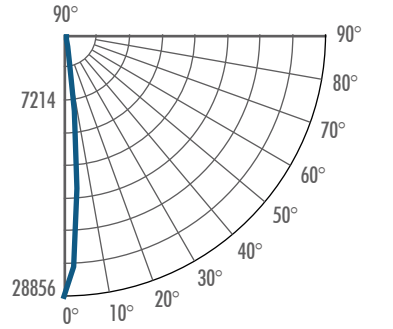
FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
10.0'	14.1'	12.2
12.0'	16.9'	8.5
14.0'	19.8'	6.2
16.0'	22.6'	4.8
18.0'	25.4'	3.8

11218-DIR - 2200lm - Spot - 4000K

System Power	: 22.0W	Multipliers	
Test Date	: 11/2017	5000K	: 1.25
Beam Angle 50%	: 11.7°	4000K	: 1.00
Field Angle 10%	: 23.4°	3500K	: 0.87
Color Temperature	: 4012K	3000K	: 0.75
CRI	: 85.4	2700K	: 0.67
R9 Value	: 28.7	1700K	: 0.42
Lumens Delivered	: 2373lm	Lumen Multipliers	
CBCP	: 27739cd	2600lm	: 1.09
Power Factor	: 0.90	CRI	
		80CRI (Blank)	: 0.94
		90CRI (-C90)	: 1.05
		97CRI (-C97)	: 1.14

CANDELA TABULATION



FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
10.0'	2.0'	277.4
20.0'	4.1'	69.3
30.0'	6.1'	30.8
50.0'	10.2'	11.1
70.0'	14.3'	5.7

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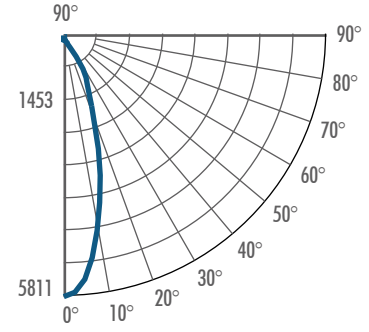
Pavo Architectural LED 6-Inch Cylinder Wall Downlight

LUMEN PACKAGE :	1000lm	1500lm	2200lm	2600lm
SYSTEM POWER :	15W	22W	22W	30W

11218-DIR - 2200lm - Flood - 4000K

System Power	: 22.0W	Multipliers	
Test Date	: 11/2017	5000K	: 1.25
Beam Angle 50%	: 32.4°	4000K	: 1.00
Field Angle 10%	: 68.7°	3500K	: 0.87
Color Temperature	: 4016K	3000K	: 0.75
CRI	: 85.4	2700K	: 0.67
R9 Value	: 28.7	1700K	: 0.42
Lumens Delivered	: 2348lm	Lumen Multipliers	
CBCP	: 5638cd	2600lm	: 1.62
Power Factor	: 0.90	CRI	
		80CRI (Blank)	: 0.94
		90CRI (-C90)	: 1.05
		97CRI (-C97)	: 1.14

CANDELA TABULATION



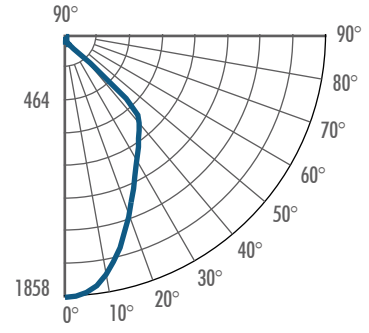
FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
10.0'	5.8'	56.4
20.0'	11.6'	14.1
30.0'	17.4'	6.3
35.0'	20.3'	4.6
40.0'	23.2'	3.5

11218-DIR - 2200lm - Wide Flood - 4000K

System Power	: 22.1W	Multipliers	
Test Date	: 9/2016	5000K	: 1.25
Beam Angle 50%	: 70.4°	4000K	: 1.00
Field Angle 10%	: 101.0°	3500K	: 0.89
Color Temperature	: 3930K	3000K	: 0.76
CRI	: 83.8	2700K	: 0.69
R9 Value	: 20.7	1700K	: 0.43
Lumens Delivered	: 2269lm	Lumen Multipliers	
CBCP	: 1789cd	2600lm	: 1.15
Power Factor	: 0.90	CRI	
		80CRI (Blank)	: 0.95
		90CRI (-C90)	: 1.07
		97CRI (-C97)	: 1.16

CANDELA TABULATION



FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
8.0'	11.3'	28.0
12.0'	16.9'	12.4
16.0'	22.6'	7.0
20.0'	28.2'	4.5
24.0'	33.9'	3.1